

Bay Area Air Quality Management District
375 Beale Street, Suite 600
San Francisco, California 94105
(415) 749-5073

APPROVED MINUTES

Summary of Board of Directors
Stationary Source Committee Meeting
Wednesday, July 29, 2020

This meeting was conducted under procedures authorized by executive order N-29-20 issued by Governor Gavin Newsom. Members of the committee participated by teleconference.

1. CALL TO ORDER – ROLL CALL

Stationary Source Committee (Committee) Chairperson John Bauters called the meeting to order at 9:32 a.m.

Present: Committee Chairperson John Bauters; Vice Chairperson Karen Mitchoff; and Directors David Canepa, John Gioia, Carole Groom, Tyrone Jue, Nate Miley, Mark Ross, Jim Spering, and Brad Wagenknecht.

Absent: None.

Also Present: Board Chairperson Rod Sinks.

2. APPROVAL OF THE MINUTES OF JUNE 17, 2020

Public Comments

No requests received.

Committee Comments

None.

Committee Action

Director Spering made a motion, seconded by Vice Chair Mitchoff, to approve the Minutes of June 17, 2020; and the motion carried by the following vote of the Committee:

AYES: Bauters, Canepa, Gioia, Groom, Jue, Mitchoff, Ross, Sinks, Spering.
NOES: None.
ABSTAIN: None.
ABSENT: Miley, Wagenknecht.

3. UPDATE ON THE DEVELOPMENT OF DRAFT AMENDMENTS TO REGULATION 6, RULE 5 (RULE 6-5): PARTICULATE EMISSIONS FROM PETROLEUM REFINERY FLUIDIZED CATALYTIC CRACKING UNITS (FCCU)

Greg Nudd, Deputy Air Pollution Control Officer of Policy, introduced David Joe, Assistant Rule Development Manager, who gave the staff presentation *Update on the Development of Amendments to Rule 6-5*, including: outline; overview and background; draft amendments to Rule 6-5; other potential control options and impacts; next steps.

Mr. Nudd then introduced Dr. Phil Martien, Director of Assessment, Inventory, and Modeling, who gave the staff presentation *Fine Particulate Matter (PM)_{2.5} Concentrations Impacts from a Bay Area Petroleum Refinery*, including: overview; first facility assessed - Chevron Richmond Refinery; modeling study (scope, two emissions scenarios, approach, key inputs); Chevron PM_{2.5} concentration impacts by area and by residents exposed; PM_{2.5} exposures by race/ethnicity; key findings (baseline scenario, equity, FCCU reductions); and next steps.

NOTED PRESENT: Directors Miley and Wagenknecht were noted present at 9:45 a.m.

Public Comments

Public comments were given by Kathy Kerridge, Benicians for a Safe and Healthy Community; Ann Vorderbrueggen, PBF Energy; Bob Brown, Western States Petroleum Association; Kevin Olson, Chevron; Jed Holtzman, 350 Bay Area; Sharon Shearer, PBF Energy; Tyler Earl, Communities for a Better Environment (CBE); Stephen Rosenblum, Palo Alto resident; Ladonna Williams, All Positives Possible; Daniel Sakaguchi, CBE; Marilyn Bardet, Benicia resident; Greg Karras, Community Energy reSource; Shawn Lee, Chevron; Todd Osterberg, Chevron; Christopher Palacio, United Steelworkers; Steve Nadel, Sunflower Alliance; Miguel Diaz, Richmond High School; Todd (last name unknown); Halimah (last name unknown), CBE; Janet Johnson, Sunflower Alliance; Ruby Saterfield, CBE; Janet Callahan, Rodeo Citizens Association; Chris McDowell, Marathon Petroleum Corporation; Ken Szutu, Vallejo Citizen Air Monitoring Network; Andres Soto, CBE; Janet Pygeorge, Rodeo Citizens Association; Charles Davidson, Hercules resident; Marilyn Sargent; Dr. Kathleen McAfee, San Francisco State University; Dr. Sybil Diver, Stanford University; and Pat Toth-Smith, Benicia resident.

Committee Comments

The Committee and staff discussed Chevron's perceptions about the Air District engagement with affected entities regarding amendments to Rule 6-5, and the status of process-optimization at the Chevron refinery in Richmond; potential impacts on water usage identified in the Environmental Impact Report for the Assembly Bill (AB) 617 Expedited Best Available Retrofit Control Technology (BARCT) Implementation schedule, acceptable types of water that can be used at refineries for wet gas scrubbing technology, and how to resource the water necessary; the fact that the expedited schedule for implementation of Best Available Retrofit Control Technology (BARCT) for industrial sources subject to the California's Cap-And-Trade requirements, per AB 617, requires the consideration of local public health and clean air benefits to the surrounding community; whether the Air District plans to conduct a mortality risk analysis and plume analysis for PM₁₀ and _{2.5} emissions at all Bay Area refineries; the comparison of test methodologies of

condensable versus filterable PM; condensable PM test methodologies, whether the Air District has condensable PM data from existing facilities within the Bay Area and South Coast Air Quality Management Districts' jurisdictions; why the Air District is proposing the limit on total PM₁₀ of 0.020 gr/dscf; the range of emissions performance for, and cost effectiveness of, wet gas scrubbers at Bay Area refineries; the suggestion that the Air District conducts a risk analysis of Bay Area refinery explosions (electrostatic precipitators); when the Committee will receive an update on the progress of the health benefit analysis of this rule amendment; caution about making general statements regarding PM_{2.5} exposure by race, as such statements may not accurately reflect all situations; whether the Air District will estimate the cost impacts to the end consumer at the pump in the amended rule's socioeconomic review; when dispersion modeling, similar to that which was conducted for Chevron, will be completed for large PM sources at other Bay Area refineries; concerns that compliance costs for the refineries are inaccurate, and that the socioeconomic report will be inaccurate as a result; whether the Air District will offer refineries a compliance deadline extension; the request that the Air District obtains the most current and accurate baseline PM data for each Bay Area refinery; whether reductions in asthma and cancer deaths can be estimated based on the newly proposed limits on total PM₁₀; whether legislative authority needs to be sought by the Air District to fully weigh health costs; and the need to prioritize the analysis of socioeconomic impacts on health.

Committee Action

None; receive and file.

4. PUBLIC COMMENT ON NON-AGENDA MATTERS

Public comments were given by Jan Warren, Interfaith Climate Action Network of Contra Costa County.

5. COMMITTEE MEMBER COMMENTS

Director Groom thanked Chair Bauters for a well-run meeting.

6. TIME AND PLACE OF NEXT MEETING

At the conclusion of the meeting, it was announced that the next meeting was scheduled for Thursday, October 15, 2020, but after the meeting adjourned, the next meeting was scheduled for Thursday, October 1, 2020, at 9:30 a.m., via webcast, pursuant to procedures authorized by Executive Order N-29-20 issued by Governor Gavin Newsom.

7. ADJOURNMENT

The meeting adjourned at 1:01 p.m.

/s/ Marcy Hiratzka
Marcy Hiratzka
Clerk of the Boards